

### **ABSTRACT**

Techniques for updating a personalized web page are described. The techniques identify characteristic features and an information sample from an input. The input specifies a web site that provides the information sample. When an update is required by a user-specified frequency, corresponding contents of the web site is determined based on the characteristic features. If the corresponding contents is highly relevant to the information sample, the techniques extract the corresponding contents and update the personalized web page with the corresponding contents.

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